

~~SECRET/NO FOREIGN DISSEM~~⁰⁰⁸
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~~.038~~ESTIMATE OF VC AND PAVN REQUIREMENTS FOR LOGISTIC SUPPORT
NEEDED FROM ABROADI. For a Scale of Combat in which each of the 110 Battalions is Engaged in Combat once every 35 Days (An Average of 3 Battalions per Day)

Based on the assumption that neither the VC nor PAVN forces require external logistical support for Class I and Class III supplies, total logistical requirements for VC and PAVN forces, excluding Class V equals 4.2 tons per day. This estimate is computed as follows. Each VC battalion requires 19 lbs. per day ($500 \times .008$ lbs. Class II and IV and $500 \times .03$ lbs. Class IV weapons only). The total requirement for the 83 VC battalions would be 1,577 lbs. (83×19) or about .8 tons per day. Each PAVN battalion would require 250 lbs. per day ($500 \times .5$ lbs. Class II and IV). The total requirement for 27 PAVN battalions would be 6,750 lbs. or about 3.4 tons per day. Together the combined VC and PAVN forces would require about 4.2 tons per day. VC and PAVN forces require 7.9 tons of Class V ammo per day. This requirement is computed as follows. Each of the 110 battalions (83 VC and 27 PAVN battalions) are engaged in combat once every 35 days or an average of 3 battalions in combat per day ($110 \div 35$). The basic load of Class V ammo per battalion is 7.9 tons. Since it is estimated that one-third of the basic load of ammo is expended each day a battalion is in combat, total expenditure of ammo would be 7.9 tons ($1/3$ of 7.9 = $2.63 \times 3 = 7.9$ tons)

The present total daily logistical requirement then for the combined VC and PAVN force is about 12 tons per day (4.2 tons Class II and IV and 7.9 tons Class V).

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Again based on the assumption that neither VC nor PAVN forces require external logistical support for Class I and Class III supplies, total logistical requirements for VC and PAVN forces, excluding Class V equals 25 short tons per day. This estimate is computed as follows. Each VC battalion requires 125 lbs. per day ($500 \times .21$ lbs. Class II and IV and $500 \times .04$ lbs. Class IV weapons only). The total requirement for the 83 VC battalions would be 10,375 lbs. (83×125). Each PAVN battalion would require 1,500 lbs. per day (500×3 lbs Class II and IV). The total requirement for 27 PAVN battalions would be 40,500 lbs. ($27 \times 1,500$). Together the combined VC and PAVN forces would require 50,875 lbs. per day, about 25 tons.

The ammunition expenditure if each battalion is engaged in combat once every three days would be about 97 tons, rounded to 100 tons. (110 battalions \div 3 = 37, the number of battalions in combat each day, ~~110~~ 37×2.63 , one-third the basic load of ammunition expended per day = 97.3 tons.) Total tonnage required per day under this scale of combat would be 125 tons per day, 100 tons Class V ammo, and 25 tons Class II and IV.

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LOGISTICS
Requirements
2nd draft

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